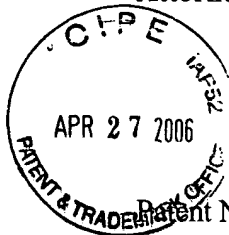


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C of C
PATENT

Attorney's Docket No. 62020-1220



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 7,016,569 B2

Issued: March 21, 2006

Name of Patentee: Mule, et al.

Title of Invention: Back-Side-Of-Die, Through-Wafer Guided-Wave Optical
Clock Distribution Networks, Methods Of Fabrication Thereof,
and Uses Thereof

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

ATTENTION: Decision and Certificate of Correction
Branch of the Patent Issue Division

Certificate
MAY 01 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT

(37 C.F.R. 1.322(a) and 37 C.F.R. 1.323)

1. Attached, in duplicate, is PTO/SB/44 (also Form PTO-1050), with at least one copy being suitable for printing.

NOTE: Form PTO-1050 (or PTO/SB/44), using the column and line number in the printed patent, should be used exclusively regardless of the length or complexity of the subject matter. M.P.E.P. § 1485, 7th ed.

NOTE: The patent grant should be retained by the patentee. The PTO does not attach the certificate of correction to the patentee's copy of the patent. The patent grant will be returned to the patentee if submitted. M.P.E.P. § 1485.

2. The errors for which Applicants seek correction pursuant to 37 C.F.R. § 1.322(a) are shown correctly in the application file. The requested corrections are described below.

NOTE: This information should be identified in this request; however, on Form PTO-1050, only the column and line number in the printed patent should be used. M.P.E.P. § 1485, 7th ed.

04/28/2006 MWOLDGE1 00000017 7016569

01 FC:1811

100.00 OP

MAY 02 2006

IN THE TITLE

Please amend the title to read:

“BACK-SIDE-OF-DIE, THROUGH-WAFER GUIDED-WAVE OPTICAL
CLOCK DISTRIBUTION NETWORKS, METHODS OF FABRICATION THEREOF,
AND USES THEREOF”

IN THE SPECIFICATION

Column 5, line 28, delete “1115” and replace with --115--.

3. It is further noted, pursuant to 37 C.F.R. §1.323, that errors appear in this patent that are of a

- ☒ clerical
- ☒ typographical
- ☒ minor

nature or character, as more fully described below. Such errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

4. The exact page and line number where the error occurs in the application file are:

NOTE: This information should be identified in this request, however, on Form PTO-1050, only the column and line number in the printed patent should be used. MPEP §1485.

IN THE ABSTRACT

On line 6 of the Abstract, delete “an” and replace with --a--.

IN THE CLAIMS

Column 15, Claim 21, delete the beginning of the claim “A structure” and replace with --The structure--.

Column 15, Claim 22, delete the beginning of the claim “A structure” and replace with --The structure--.

MAY 02 2008

IN THE DRAWINGS

Please replace drawing Sheet 3 of 4 (Fig. 2 and Fig. 3) with the enclosed "Replacement Sheet". A typographical error exists in the reference numerals of Fig. 3. Reference numeral "297b" on Fig. 3 is incorrect. The Replacement Sheet shows the correct reference numeral "397b".

5. Please send the Certificate to:

Name: Scott A. Horstemeyer

Address: Thomas, Kayden, Horstemeyer & Risley, LLP
100 Galleria Parkway, N.W., Suite 1500, Atlanta, GA 30339

6. Please pay the fee of \$100.00, as required by 37 CFR 1.20(a), as follows:

- ☐ Enclosed is a check for \$.
- ☒ Payment by credit card. Form PTO-2038 is attached in the amount of \$100.00.
- ☐ Charge the Deposit Account 20-0778 the sum of . A duplicate of this request is attached.



SIGNATURE OF PRACTITIONER

Heather C. Gorman, Reg. No. 42,389

(type or print name of practitioner)

Tel. No.: (770) 933-9500

Thomas, Kayden, Horstemeyer & Risley, LLP
100 Galleria Parkway, N.W., Suite 1750
Atlanta, GA 30339-5948

Customer No.: 24504

MAY 02 2008

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Patent No.: 7,016,569 *B2*
Dated: March 21, 2006
Inventor(s): Mule, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below

Amend the Title to read: "BACK-SIDE-OF-DIE, THROUGH-WAFER GUIDED-WAVE OPTICAL CLOCK DISTRIBUTION NETWORKS, METHODS OF FABRICATION THEREOF, AND USES THEREOF"

On line 6 of the Abstract, delete "an" and replace with --a--.

Column 5, line 28, delete "1115" and replace with --115--.

Column 15, Claim 21, delete the beginning of the claim "A structure" and replace with --The structure--.

Column 15, Claim 22, delete the beginning of the claim "A structure" and replace with --The structure--.

MAILING ADDRESS OF SENDER:

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339

Patent No.: 6,915,217

MAY 02 2006



Replacement Sheet

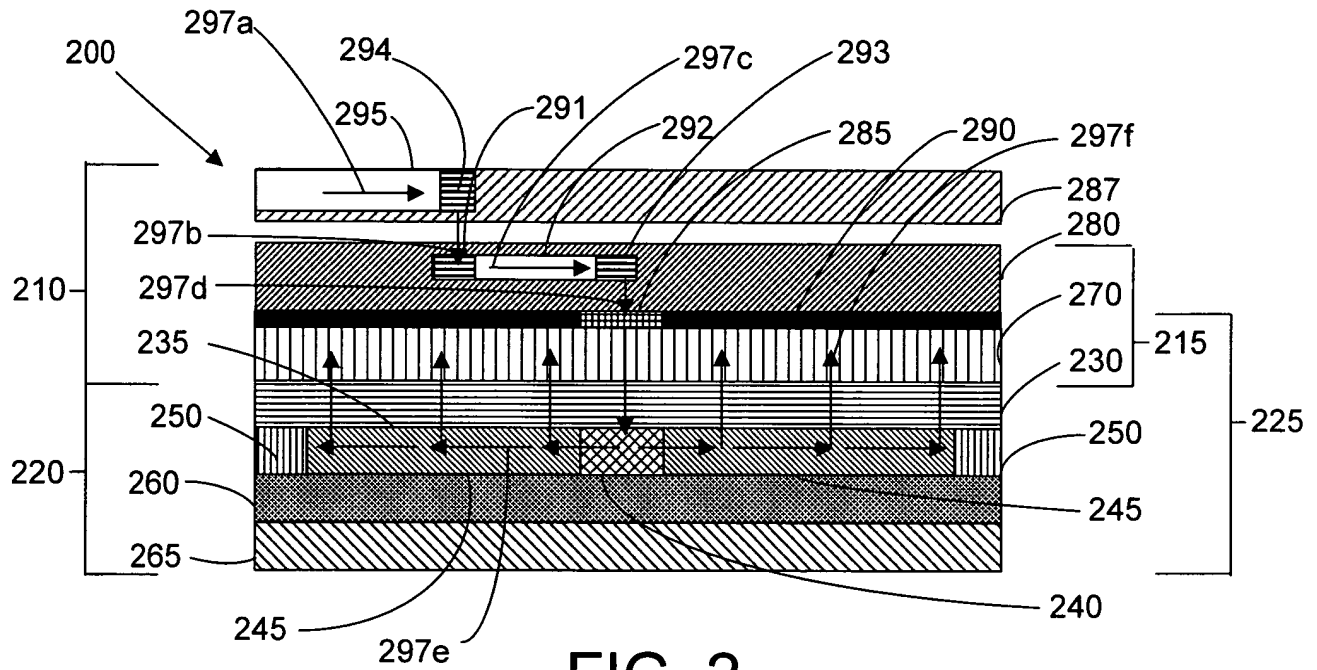


FIG. 2

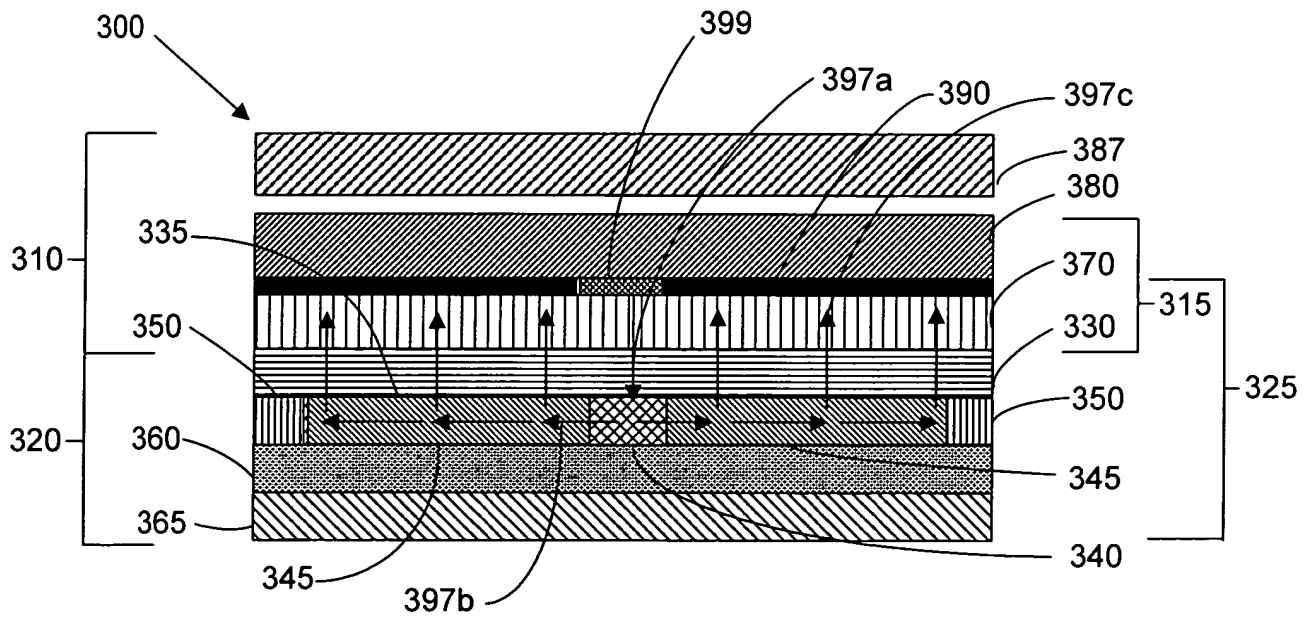


FIG. 3

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:



ATTN: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on 4/24/2006

Laurie Delesandro
Laurie Delesandro

In re Patent of: Mule, et al.

U.S. Patent No: 7,016,569

Issue Date: March 21, 2006

Title: Back-Side-Of-Die; Through-Wafer Guided-Wave Optical Clock Distribution Networks, Methods Of Fabrication Thereof, and Uses Thereof

Docket No.: 62020-1220

The following is a list of documents enclosed:

Return Postcard
Request for Certificate of Correction
Certificate of Correction (& Original Duplicate)
Credit Card Payment Form
Replacement Sheet (Figs. 2 and 3)